Navy Enterprise Resource Planning (ERP)

Streamlining the Navy's Business Processes

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Edward E. Quick
Program Manager

Navy ERP Business Process Reengineering

Financial Projects	Supply Projects	Sustainment Projects
Contract Finance Payments	AIT Mobility	Archiving/Data Management
Contract Vendor Pay	BP21 Ships Stores	ePS Interface
Government Invoicing	Goods Issue	Master Data Governance
PBIS Funds Control	Repairables Project	Naval Identity Service ICAM
Posting Logic	Logistics IT (MILSTRIP)	TOP 10 QCIs
SFIS Single Line of Accounting		Audit Compliance NFRs
Treasury Direct Disbursing		
Funds Balance with Treasury		

➤ **33 additional Planned Projects**

Leveraging Navy ERP to Solve Finance and Supply BPR Challenges

Automated Identification Technology (AIT) Mobility

➢ Develop and deploy 27 custom applications to be run on any device, including wireless mobile devices; 800 devices worldwide by August 2021

➢ Enhance user experience and increase efficiencies

- Goods receipts
- Goods issue
- Stock transfers
- Physical inventory

➢ Delivered and Future Releases

- First two releases deployed applications for counting inventory and performing goods receipts on wireless tablets
  - Reduced data entries, enhanced data integrity validations, enabled inventory labels scanning
- Deploy additional 20 applications by August 2021 release
  - Warehouse users will be able to perform entire job via AIT tablet
  - Further efficiencies gained through common transaction linking

Supply Use Case: Goods Receipt Put-away

Confirm Putaway via Material/Bin Scan with Override

User can scan the **Navy ERP Material Label 2D bar code** in the **Material label** Scan field to select a material. The application will find the TO line item for that material and select that line item for confirmation by checking the item checkbox and populate the Confirm Material field for that item.

Confirm Putaway Transfer Order via Material and Bin Scanning with Override

*Warehouse No: ____   *Transfer Ord No: ____   [barcode]   Go

Items (1)   Material Label Scan   *Search or Scan Material Label*   [barcode]   Confirm Mat/Bin   ⚙

Sel	Itm	Material	Batch	Plant	SLOC	Qty	Dest Storage Type	Dest Storage Bin	Dest Storage Unit	Confirm Material	Conf. Dest. Bin
☐	1										

Post   Cancel   Help

When the user scans a **Material Label in the Material Label** Scan field, a Confirm Bin Popover will appear. The user will be required to scan the **Bin label** for confirmation.

Confirm Bin Popover

*Scan Bin Label:

Scan 2D Bin Label

[barcode]   Ok   Cancel

Finance Use Case: Procure to Pay

Contract Vendor Pay

➢ Manage contracts from creation through contract award, receipt and acceptance, and invoices and payables for commercial entities

➢ CVP addresses current inefficiencies by

- Increasing internal entitlement
- Automating invoice processing and improving invoice error handling
- Eliminating receipt and acceptance dual entry
- Improving audit compliance

➢ Four Successful Releases

AUG 2020	Standard Lines of Accounting Attribute Display (PR, PO), CT/IT Enhanced Automation Logic and Error Handling, Wide Area Work Flow Invoice Type Additions
NOV 2020	Receipt & Acceptance Enhanced Functionality for Services introducing 2 in 1 Invoice Type (Acceptance and Invoice in one)
FEB 2021	Grants CT/IT Automated Process introducing Grant Voucher for automated processing
APR 2021	Receipt & Acceptance for SPS Source Inspection

Contract Vendor Pay Benefits the Navy

AUG 2020   **NOV 2020**   **FEB 2021**   **APR 2021**

AUG 2020
- 16% increase invoice processing
- 12% increase Purchase Order matching success rate
- Introduced method of identifying 10% PGI failures for manual posting

NOV 2020
- 78% success rate for 2 in 1 Invoice Types
- Identify and correctly categorize incorrect vendor submissions for rejection to facilitate remediation
- Introduced method of identifying 4% PGI failures on 2 in 1 Invoice Types for manual posting

FEB 2021
- Introduction of Grants-specific Invoice Type transitioning invoices from wholly-external entitled to an internal entitled process
- Received ~500 Purchase Order lines eligible for internal entitled Grant Vouchers
- Successfully process three invoices for payment

APR 2021
- Eliminated dual entry into WAWF and automatic posting to Navy ERP for :
  – Automatic post of Source Inspection
  – Source Acceptance Receipt
  – Acceptance for SPS Contracts
- 10% of Navy ERP's Receipt and Acceptance current business using CVP

- Additional Receipt & Acceptance (R&A)
- WAWF Legacy to Standard (NOV 2021)
- Foreign Currency
- Line Item Proration
- Standard Lines of Accounting (SLOA)
- Interim Cost Voucher Processing & Automation
- Prompt Payment Act (PPA)
- Contract Administration
- Contract Closeout
- Contract Finance Payments
- Foreign Military Sales
- Asset Procurement
- Interim Cost Vouchers Postings for Material Procurements

Contract Vendor Pay Benefits Achieved

| AUG 2020 | NOV 2020 | FEB 2021 | APR 2021 |

Maximizing Internal Entitlement through existing and new invoice types

Automated Invoice Processing and Improving Invoice Error Handling

Eliminating Receipt and Acceptance Dual Entry

Began resolution of 13 NFR Audit concerns

Navy ERP Announces New Contract

➢ **Navy ERP Technical Support Services (NETSS) System Integrator Contract awarded to International Business Machines (IBM)**

SOFTWARE DESIGN & DEVELOPMENT
BUSINESS SYSTEMS INTEGRATION
PROCESS MANAGEMENT
LOGISTICS
DATA GOVERNANCE & ANALYSIS
PROVIDED
SUSTAINMENT
SERVICES
SOLUTION DELIVERY
BUSINESS PROCESS REENGINEERING
BUSINESS INTELLIGENCE
DEPLOYMENT
DATA SERVICES
DEVELOPMENT

- **Approximately $850M Task Order Value**
- **Mission support activities include:**
  - *Information Technology (IT)*
  - *Information Management (IM)*
  - *Large scale Systems Integration (SI)*
  - *Information Systems (IS)*
- **Agile capability**
  - *Creates a flexible contract vehicle with ability to surge to meet increased workload*